Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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OIPE MAR 10 1998 PATENT & TRADEMARK OFFICE

Docket Number (Optional)	Application Number
HMV-006.11	08/954,771
Applicant: Ingham, Philip, et al.	
Filing Date: 20 October 1997	Group Art Unit: 1646

U.S. PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MH	AA	5,223,408	6/29/93	Goeddel et al.	435	69.3	
MH	AB	5,585,087	12/17/96	Lustig et al.	424	9.2	
	AC						
	AD						
	AE						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
WO	AF	WO 90/02809	3/22/90	PCT	C12P	21/00		
WO	AG	WO 92/15679	9/17/92	PCT	C12N	15/10		
	AH							
	AI							
	AJ							

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	AO	Bass, S. et al., "Hormone phage: An Enrichment Method for Variant Proteins with Altered Binding Properties", PROTEINS: *Structure, Function, and Genetics* 8:309-314 (1990).
	AP	Bejsovec, A. and E. Wieschaus, "Segment polarity gene interactions modulate epidermal patterning in *Drosophila* embryos", *Devel.* 119:501-517 (1993).
	AQ	Bienz, M., "Homeotic genes and positional signalling in the *Drosophila* viscera", *TIG* 10:22-26 (Jan. 1994).
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	AV	Brockes, J., "We may not have a morphogen", *Nature* 350:15 (1991).
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EXAMINER: [signature] DATE CONSIDERED: 10/4/00

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BA	Coffman et al., "Xotch, the Xenopus homolog of Drosophila notch", *Science* 249:1438-1441 (1990)
BB	Concordet, J. and Ingham, P., "Developmental biology. Patterning goes sonic", *Nature* 375 (6529):279-280 (May 1995)
BC	Currie et al., "Induction of a specific muscle cell type by a hedgehog-like protein in zebrafish", *Nature* 383:452-455 (1996)
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BK	Echelard, Y. et al., "Sonic hedgehog, a member of a family of putative signaling molecules, is implicated in the regulation of CNS polarity", *Cell* 75:1417-1430 (1993)
BL	Ekker, S. et al., "Distinct expression and shared activities of members of the hedgehog gene family of xenopus laevis", *Devel.* 121 (8):2337-2347 (Aug 1995)
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BN	Ettelaie, C. et al., "The effect of lipid peroxidation and lipolysis on the ability of lipoproteins to influence thromboplastin activity", *Biochim. Biophys. Acta.* 1257 (1):25-30 (June 1995)
BO	Fahrner, K. et al., "Transcription of *H-2* and *Qa* genes in embryonic and adult mice", *EMBO J.* 6:1265-1271 (1987)
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BS	Forbes, A.J. et al., "Genetic analysis of *hedgehog* signalling in the *Drosophila* embryo", *Devel.* 119 (Supp.):115-124 (1993)

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	BU	Gallop, M. et al., "Applications of combinatorial technologies to drug discovery. 1. Background and peptide combinatorial libraries", *J. of Med. Chem.* 37 (9):1233-1251 (1994)
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	BZ	Halpern, M.E., et al., "Induction of muscle pioneers and floor plate is distinguished by the zebrafish *no tail* mutation", *Cell* 75:99-111 (1993)
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	CD	Hardy, A., et al., "Gene expression, polarising activity and skeletal patterning in reaggregated hind limb mesenchyme", *Devel.* 121 (12):4329-4337 (Dec 1995)
	CE	Hatta, K. et al., "The cyclops mutation blocks specification of the floor plate of the zebrafish central nervous system", *Nature* 350: 339-341 (1991)
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	CI	Ingham, P.W., "Signalling by hedgehog family proteins in Drosophila and vertebrate developmenr", *Curr. Opin. Genet. Dev.* 5 (4): 478-484 (Aug 1995)
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	CQ	Izpisúa-Belmonte, J.-C. et al., "Expression of the homeobox *Hox-4* genes and the specification of position in chick wing development", *Nature* 350:585-589 (1991)
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	CZ	Jones, M. et al., "Involvement of bone morphogenetic protein-4 (BMP-4) and Vgr-L in morphogenesis and neurogenesis in the mouse", *Devel.* 111:531-542 (1991)
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	FD	Stachel, S.E. et al., "Lithium perturbation and *goosecoid* expression identify a dorsal specification pathway in the pregastrula zebrafish", *Devel.* 117:1261-1274 (1993)
	FE	Stolow, M. and Shi, Y., Xenopus sonic hedgehog as a potential morphogen during embryogenesis and thyroid hormone-dependent metamorphosis, *Nucleic Acids Res.* 23 (13):2555-1562 (July 1995)
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	FH	Tabata, T. et al., "The *Drosophila hedgehog* gene is expressed specifically in posterior compartment cells and is a target of *engrailed* regulation", *Genes Devel.* 6:2635-2645 (1992)
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	FK	Tanaka, E. and Gann, A., "Limb development", *Curr. Biol.* 5(6):594-597 (June 1995)
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	FM	Taylor, A.M. et al., "Contrasting distributions of patched and hedgehog proteins in the *Drosophila* embryo", *Mech. Dev.* 42:89-96 (1993)
	FN	Thaller, C. and G. Eichele, "Identification and spatial distribution of retinoids in the developing chick limb bud", *Nature* 327:625-628 (1987)
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